

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/826,509

DATE: 04/23/2001

TIME: 13:26:44

Input Set : A:\AREN207.txt

Output Set: N:\CRF3\04232001\I826509.raw

3 <110> APPLICANT: Lehmann-Bruinsma, Karin
4 Liaw, Chen W.
5 Lin, I-Lin
7 <120> TITLE OF INVENTION: Non-Endogenous, Constitutively Activated Known G
8 Protein-Coupled Receptors
10 <130> FILE REFERENCE: AREN-207
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/826,509
C--> 13 <141> CURRENT FILING DATE: 2001-04-05
15 <150> PRIOR APPLICATION NUMBER: 60/195,747
16 <151> PRIOR FILING DATE: 2000-04-07
18 <150> PRIOR APPLICATION NUMBER: 09/170,496
19 <151> PRIOR FILING DATE: 1998-10-13
21 <160> NUMBER OF SEQ ID NOS: 589
23 <170> SOFTWARE: PatentIn Version 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 36
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 cggaagctta gccatggatg tgctcagccc tgggtca 36
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 34
36 <212> TYPE: DNA
37 <213> ORGANISM: Homo sapiens
39 <400> SEQUENCE: 2
40 ccggaattcc tggcggcaga agttacactt aatg 34
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 32
45 <212> TYPE: DNA
46 <213> ORGANISM: Homo sapiens
48 <400> SEQUENCE: 3
49 tccaagcttg gggcgaggag agccatggag ga 32
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 35
54 <212> TYPE: DNA
55 <213> ORGANISM: Homo sapiens
57 <400> SEQUENCE: 4
58 ggcgaattca cttgtgcact taaaacgtat cagtt 35
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 30
63 <212> TYPE: DNA
64 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 5
67 atctaccatg tccccactga accagtcagc 30
70 <210> SEQ ID NO: 6
71 <211> LENGTH: 32
72 <212> TYPE: DNA

ENTERED

RAW SEQUENCE LISTING DATE: 04/23/2001
 PATENT APPLICATION: US/09/826,509 TIME: 13:26:44

Input Set : A:\AREN207.txt
 Output Set: N:\CRF3\04232001\I826509.raw

```

73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 6
76 atagaattcg gaggccttcc ggaaagggac aa 32
79 <210> SEQ ID NO: 7
80 <211> LENGTH: 34
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 7
85 ccacagtgtc gactgaaaca agggaaacat gaac 34
88 <210> SEQ ID NO: 8
89 <211> LENGTH: 25
90 <212> TYPE: DNA
91 <213> ORGANISM: Homo sapiens
93 <400> SEQUENCE: 8
94 cagtatgctc tcggcatcta atgag 25
97 <210> SEQ ID NO: 9
98 <211> LENGTH: 31
99 <212> TYPE: DNA
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 9
103 atcaccatgg atttcttaaa ttcattgat c 31
106 <210> SEQ ID NO: 10
107 <211> LENGTH: 33
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 10
112 ttaggatcca catcgacatc gcacaagctt ttg 33
115 <210> SEQ ID NO: 11
116 <211> LENGTH: 37
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 11
121 gaaaagcttg ccatggctct ctcttacaga gtgtctg 37
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 35
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 12
130 gttggatcct acataactaa cttgctcttc agttt 35
133 <210> SEQ ID NO: 13
134 <211> LENGTH: 32
135 <212> TYPE: DNA
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 13
139 atcaccatgg acaaacttga tgctaattgtg ag 32
142 <210> SEQ ID NO: 14
143 <211> LENGTH: 33
144 <212> TYPE: DNA
145 <213> ORGANISM: Homo sapiens

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/826,509

DATE: 04/23/2001
 TIME: 13:26:44

Input Set : A:\AREN207.txt
 Output Set: N:\CRF3\04232001\I826509.raw

```

147 <400> SEQUENCE: 14
148 cctgaattcg aagcatgatt ccagggattc tgg 33
151 <210> SEQ ID NO: 15
152 <211> LENGTH: 32
153 <212> TYPE: DNA
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 15
157 atcaccatgg acaaacttga tgctaattgtg ag 32
160 <210> SEQ ID NO: 16
161 <211> LENGTH: 33
162 <212> TYPE: DNA
163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 16
166 agggaattca gtgtcactgg gctgagcagc cac 33
169 <210> SEQ ID NO: 17
170 <211> LENGTH: 32
171 <212> TYPE: DNA
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 17
175 atcaccatgg acaaacttga tgctaattgtg ag 32
178 <210> SEQ ID NO: 18
179 <211> LENGTH: 34
180 <212> TYPE: DNA
181 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 18
184 ttggaattcg gatggttttg tcaatcttct ctte 34
187 <210> SEQ ID NO: 19
188 <211> LENGTH: 32
189 <212> TYPE: DNA
190 <213> ORGANISM: Homo sapiens
192 <400> SEQUENCE: 19
193 atcaccatgg acaaacttga tgctaattgtg ag 32
196 <210> SEQ ID NO: 20
197 <211> LENGTH: 39
198 <212> TYPE: DNA
199 <213> ORGANISM: Homo sapiens
201 <400> SEQUENCE: 20
202 agggaattca aatcttagta catgtgtgga tccattaat 39
205 <210> SEQ ID NO: 21
206 <211> LENGTH: 32
207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 21
211 atcaccatgg acaaacttga tgctaattgtg ag 32
214 <210> SEQ ID NO: 22
215 <211> LENGTH: 33
216 <212> TYPE: DNA
217 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 22

```

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/826,509

DATE: 04/23/2001
 TIME: 13:26:44

Input Set : A:\AREN207.txt
 Output Set: N:\CRF3\04232001\I826509.raw

```

220 tcagaattcg acaggaactg gtctattgca gaa 33
223 <210> SEQ ID NO: 23
224 <211> LENGTH: 39
225 <212> TYPE: DNA
226 <213> ORGANISM: Homo sapiens
228 <400> SEQUENCE: 23
229 cctaagcttg ccatggattt accagtgaac ctaacctcc 39
232 <210> SEQ ID NO: 24
233 <211> LENGTH: 35
234 <212> TYPE: DNA
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 24
238 tctgaattcg tgttgccctag aaaagaagtt cttga 35
241 <210> SEQ ID NO: 25
242 <211> LENGTH: 31
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 25
247 agcgggaattc ggcggcgcgca tgatggacgt t 31
250 <210> SEQ ID NO: 26
251 <211> LENGTH: 30
252 <212> TYPE: DNA
253 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 26
256 ttccggatcc attgttctgc tttcaatcat 30
259 <210> SEQ ID NO: 27
260 <211> LENGTH: 31
261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapiens
264 <400> SEQUENCE: 27
265 caggaattca gaacacctgc cccagcccca c 31
268 <210> SEQ ID NO: 28
269 <211> LENGTH: 33
270 <212> TYPE: DNA
271 <213> ORGANISM: Homo sapiens
273 <400> SEQUENCE: 28
274 agcggatccc gatgaagtgt ccttggccag gga 33
277 <210> SEQ ID NO: 29
278 <211> LENGTH: 30
279 <212> TYPE: DNA
280 <213> ORGANISM: Homo sapiens
282 <400> SEQUENCE: 29
283 acagaattca gaagaaatgg ctcaaaggca 30
286 <210> SEQ ID NO: 30
287 <211> LENGTH: 30
288 <212> TYPE: DNA
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 30
292 catggatcct tgaaaagcta gaaactgtcc 30

```

RAW SEQUENCE LISTING

DATE: 04/23/2001

PATENT APPLICATION: US/09/826,509

TIME: 13:26:44

Input Set : A:\AREN207.txt

Output Set: N:\CRF3\04232001\I826509.raw

```

295 <210> SEQ ID NO: 31
296 <211> LENGTH: 33
297 <212> TYPE: DNA
298 <213> ORGANISM: Homo sapiens
300 <400> SEQUENCE: 31
301 tgtaagcttc aggtcactgt gcatggcatc atc 33
304 <210> SEQ ID NO: 32
305 <211> LENGTH: 36
306 <212> TYPE: DNA
307 <213> ORGANISM: Homo sapiens
309 <400> SEQUENCE: 32
310 gctggatcca ttccgccaga aaagttggaa gatttc 36
313 <210> SEQ ID NO: 33
314 <211> LENGTH: 34
315 <212> TYPE: DNA
316 <213> ORGANISM: Homo sapiens
318 <400> SEQUENCE: 33
319 actaagcttc caaatgttct ctccctggaa gata 34
322 <210> SEQ ID NO: 34
323 <211> LENGTH: 33
324 <212> TYPE: DNA
325 <213> ORGANISM: Homo sapiens
327 <400> SEQUENCE: 34
328 gttgaattcc tgtctgctcc ctgcccagtc ctg 33
331 <210> SEQ ID NO: 35
332 <211> LENGTH: 32
333 <212> TYPE: DNA
334 <213> ORGANISM: Homo sapiens
336 <400> SEQUENCE: 35
337 cagaagctta gcaatggcgt ctttctotgc tg 32
340 <210> SEQ ID NO: 36
341 <211> LENGTH: 37
342 <212> TYPE: DNA
343 <213> ORGANISM: Homo sapiens
345 <400> SEQUENCE: 36
346 acaggatccc acagttgtac tatttctttc tgaaatg 37
349 <210> SEQ ID NO: 37
350 <211> LENGTH: 34
351 <212> TYPE: DNA
352 <213> ORGANISM: Homo sapiens
354 <400> SEQUENCE: 37
355 gggaagctta ggagaccaga acatgaactc cttc 34
358 <210> SEQ ID NO: 38
359 <211> LENGTH: 33
360 <212> TYPE: DNA
361 <213> ORGANISM: Homo sapiens
363 <400> SEQUENCE: 38
364 tgtgaattcc actgcctggg tcttctgggc cat 33
367 <210> SEQ ID NO: 39

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/826,509

DATE: 04/23/2001

TIME: 13:26:45

Input Set : A:\AREN207.txt

Output Set: N:\CRF3\04232001\I826509.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date